a) Primary antibodies

Target	Host	Dilution	Supplier
Parvalbumin	Goat	1/500	Swant (PVG-213)
Parvalbumin	Mouse	1/1000	Swant (PV 235)
Vasoactive intestinal peptide	Rabbit	1/500	ImmunoStar anti-VIP (#20077)
Somatostatin	Rat	1/200	Millipore (MAB354)

b) Secondary antibodies

Genotype	Primary	Secondary	Code number
WT	Mouse-anti PV	DyLight 405	715-475-150
	Rabbit-anti VIP	Rhodamine Red X	711-295-152
	Rat-anti SOM	Alexa 647	712-605-153
PV-tdTomato	Mouse-anti PV	Alexa 594	715-585-151
	Rabbit-anti VIP	Alexa 647	711-605-152
	Rat-anti SOM	DyLight 405	712-475-153
VIP-tdTomato	Goat-anti PV	DyLight 405	705-475-147
	Rabbit-anti VIP	Rhodamine Red X	711-295-152
	Rat-anti SOM	Alexa 647	712-605-153

Supplementary Table 1. **a, b**) Primary and secondary antibodies used in this study. All antibodies were applied in blocking buffer. All secondary antibodies were from Jackson ImmunoResearch and were used at 1/200 dilution.

a) Numbers and percentages of immuno-labelled cells that were also identified as belonging to the same interneuron class by transgenic labelling:

Genotype	Immuno +	Also tdTomato +	Percent
PV	250	236	94.4%
SOM	167	164	98.2%
VIP	152	139	91.4%

b) Numbers and percentages of transgenically labelled cells that were also identified as belonging to the same interneuron class by immunostaining:

Genotype	tdTomato +	Also Immuno +	Percent
PV	312	289	92.6%
SOM	278	195	70.1%
VIP	233	188	85.4%

Supplementary Table 2. **a, b**) Measure of overlap of labelling by immunostaining and transgenic mouse lines.